

PROCEEDINGS OF THE CLUB

MEETING OF JANUARY 18, 1933

The meeting was called to order at The New York Botanical Garden at 3:30 P.M. by President Blakeslee. There were 41 members present. The minutes of the meeting of January 3 were read and approved.

Miss Elizabeth T. Ojerholm of Columbia University, New York N. Y. and Miss Hilda Vilkomerson of the Brooklyn Botanic Garden, Brooklyn, N. Y. were unanimously elected into membership in the club.

Miss Caroline C. Haynes did not wish to become a member of the Council for three years, and Dr. M. A. Howe was elected in her place.

Before the regular meeting the members of the Council met for luncheon and a meeting at Sormani's Restaurant.

They elected an Executive Committee, consisting of Dr. E. D. Merrill, Vice-Chairman, Dr. B. O. Dodge, Dr. F. T. McLean, Mrs. R. A. Harper and Dr. E. W. Sinnott.

A Field Committee was also elected consisting of Mrs. G. P. Anderson, Prof. B. T. Butler, Dr. Arthur H. Graves, Dr. Michael Levine, Miss Zaida Nicholson, Prof. Oliver P. Medsger, Miss Helene Lunt, Dr. Wm. S. Thomas, Mr. A. T. Beals, Dr. Harold Clum, Dr. Clyde Fisher, Dr. Alfred Gundersen, Mr. George T. Hastings, Mr. William Gavin Taylor, Dr. Harry K. Svenson, Mr. Leon W. Bowen .

Dr. William Crocker of the Boyce Thompson Institute gave an interesting talk on "Delayed Germination of Seeds." This talk was illustrated by lantern slides.

Mr. Robert Hagelstein, Honorary Curator, gave an interesting talk on "The Slime Moulds of Long Island."

Meeting adjourned at 5:15 P.M.

Respectfully submitted,
FORMAN T. MCLEAN
Secretary

MEETING OF FEBRUARY 7, 1933

The meeting was called to order at the American Museum of Natural History at 8:15 P.M. by President Blakeslee. There were 25 members present.

Mr. G. Russell Fessenden, 485 Gramatan Avenue, Mt. Vernon, N. Y.; Miss Honora M. Hollinghurst, 2736 Creston Avenue, Bronx, New York; Miss Farida A. Wiley, American Museum of Natural History, 77th Street & Central Park West, New York City, were unanimously elected to membership in the club.

The resignations of Mrs. Allen M. Burnham, Mrs. Cecelia M. Grossman, Miss Bertha Healy, Mr. Joseph Crawford, and Mrs. Marjorie Cotton Wingler were accepted with regret.

Dr. R. P. Wodehouse of the Arlington Chemical Company gave an interesting talk on "Fossil Pollens of the Tertiary Eocene." This talk was illustrated by lantern slides.

Meeting adjourned at 9:45 for refreshments.

Respectfully submitted,
FORMAN T. MCLEAN
Secretary

MEETING OF FEBRUARY 15, 1933

The meeting was called to order at The New York Botanical Garden at 3:30 P.M. by the Vice-President, Dr. H. A. Gleason.

The resignations of Frederick W. Kobbe, Samuel Hirschberg, Dr. George B. Cummins and C. Victor Jordan were accepted with regret.

In the absence of Dr. John S. Karling of Columbia University and Dr. Arthur Hollick of The New York Botanical Garden, who were scheduled to talk, the following people gave an account of the work they are doing.

Dr. M. A. Howe spoke on the Sierra Blanca Limestone and showed some interesting specimens.

Dr. B. O. Dodge discussed his recent experimental work on controlled fertilization in the bakery mold, *Neurospora*. He reported that the small bodies which had been commonly called sclerotia have been proved to be incipient perithecia which could be stimulated to develop to maturity and form asci provided they were fertilized by the application of either microconidia or the orange colored monilioid conidia. These large conidia have heretofore been assumed to be merely vegetative spores. It has been proved, however, that they also function sexually to bring about fertilization. He showed cultures of

strains of one sex which had been conidiated by applying the monilioid conidia with a camels hair brush, with the result that perithecia developed only where the receptive bodies had been conidiated. This provides the biology teacher with material with which he may illustrate sexual reproduction in the Ascomycetes very simply.

He also pointed out that the microconidia have been called spermatia because of their small size. These microspores have been proved to function not only sexually but also as ordinary vegetative spores. This all goes to show that structures which are morphologically one thing may on occasion function in an entirely different manner.

Dr. Koch spoke on the interesting work she is doing with Heliantheae.

Dr. McLean told of his experiments with Sweetglads and showed plants and paintings of them.

Dr. Emmons and Dr. Gunderson also gave interesting accounts of their work.

Meeting adjourned at 5 P.M.

Respectfully submitted,
FORMAN T. MCLEAN
Secretary

MEETING OF MARCH 7, 1933

The meeting was called to order at the American Museum of Natural History at 8:15 P.M. by Vice-President Dr. R. P. Wodehouse.

Miss N. E. Crandall, 223 Cowperthwaite Place, Westfield, New Jersey was elected to membership in the club.

The resignations of Miss Edna E. Milleman, Mrs. E. E. Olcott, Mr. Robert I. Rashby and Dr. F. J. Seaver, were accepted with regret.

Dr. E. D. Merrill, Director of The Yew York Botanical Garden gave an interesting talk on "The Vegetation of the Philippines." This talk was illustrated by lantern slides.

Meeting adjourned at 9:45 for refreshments.

Respectfully submitted,
FORMAN T. MCLEAN
Secretary